

## I. DESCRIPTION OF THE PLANNING UNIT

This chapter describes the geographic area of the plan and how the planning council members reached agreement on the composition of the management areas within the planning unit.

### A. Description & Determination of the Planning Unit

In this section is a discussion of the Area Development District and its service boundary (which comprises the planning unit for the water management plan).

#### Regional Overview - Northern Kentucky ADD

The Northern Kentucky Development District region had an estimated population of 376,415 (146,976 households) in 1999 with a projected population of 452,500 (191,900 households) in 2020. There are approximately 1,560 miles of water lines in the region serving about 328,000 people, or about 87% of the regions population. 850 miles of proposed water line extensions for the period 2000-2020 would provide service to an additional 6,680 households. About 48,000 people in the region rely on private domestic water systems: 5,000 on wells, and 43,000 on hauled water and other sources.

Estimated populations and public water service for the eight counties in the region is given below:

<b>County</b>	<b>1990 Pop</b>	<b>On Public</b>	<b>2020 Pop</b>	<b>On Public</b>
Boone	81,600	64,500 (79%)	128,000	102,400 (80%)
Campbell	86,900	81,200 (93%)	91,000	87,400 (96%)
Carroll	9,500	8,600 (90%)	9,700	8,900 (92%)
Gallatin	7,200	6,500 (90%)	11,200	10,300 (92%)
Grant	21,000	16,800 (80%)	31,400	27,000 (86%)
Kenton	145,700	134,000 (92%)	152,000	144,400 (95%)
Owen	10,200	6,800 (67%)	11,800	10,300 (92%)
Pendleton	14,300	9,600 (67%)	17,600	14,600 (83%)

REGION   376,000   328,000 (87%)   453,000   405,000 (89%)

65 public and semi-public water systems serve the region: 39 community systems - 13 municipal, 13 water districts, 13 private; and 26 non-community systems. There are 12 small (501 to 3,300 people served) community systems and 11 very small (500 or fewer people served) community systems.

## **B. Water Management Areas**

The discussion below relates how the council formed its water management areas and how it arrived at its decisions and provides a map showing the water management area boundaries.

The council formed its water management areas along county boundaries. It was decided that this was the most logical choice.

Water Planning Unit Map -

<http://wris.state.ky.us/wma/maps/add/paunits/nkaddpawat.pdf>

## **C. Current Water Service Areas**

The areas within the planning unit that have current water service and water suppliers and distributors serving them are shown on the map accessible via the link below.

Water Service Area Map –

<http://wris.state.ky.us/wma/maps/add/water/nkaddpasv.pdf>

## **D. Proposed Water Service Areas**

The areas within the planning unit that do not currently have water service, but are expected to have within the planning period, and water suppliers and distributors that are expected to serve these areas are shown on the map accessible via the link below.

Water Service Area Map –

<http://wris.state.ky.us/wma/maps/add/water/nkaddpasv.pdf>

## **E. Future Water Service Areas**

The areas within the planning unit that do not currently have water

service and are not expected to be served within the planning period and water suppliers and distributors that are projected as most likely to serve these areas are shown on the map accessible via the link below.

Water Service Area Map –

<http://wris.state.ky.us/wma/maps/add/water/nkaddpasv.pdf>

**F. Wastewater Treatment Management Areas**

Wastewater Planning Unit Map –

*<Information & Map not yet available>*

**G. Current Wastewater Treatment Areas**

Wastewater Treatment Areas Map –

*<Information & Map not yet available>*

**H. Proposed Wastewater Treatment Areas**

Wastewater Treatment Areas Map –

*<Information & Map not yet available>*

**I. Future Wastewater Treatment Areas**

Wastewater Treatment Areas Map –

*<Information & Map not yet available>*